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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of :
Sang-Hee LEE, et al. : Group Art Unit: 2624
Serial No.: 09/691,413 : Examiner: Wenpeng Chen
Filed: October 18, 2000 :
Title: Video Predictive Coding Apparatus and Method :

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir/Madam:

Enclosed please find the following documents to be filed in connection with the above identified application:

- 1) This letter (2 pgs.);
- 2) Forms PTO-1449 (2 pgs.);
- 3) One copy each of document to be considered (780 pgs.); and
- 4) Return Postcard.

The Applicants request that the documents identified on form PTO-1449 and enclosed herewith be considered by the Examiner before issuance of the next action and made of record in this file. The Examiner is also asked to initial a copy of the enclosed form PTO-1449 to evidence such consideration.

The filing of this information disclosure statement is not to be construed as an admission that the information cited in the statement is, or is considered to be, material to the patentability of the invention claimed in the above-identified application, or that it qualifies as prior art against any or all of the current claims. Further, no representation is made that a search has been performed.



any fee is due as a result of this paper, the commissioner is authorized to charge such a fee to Deposit Account No. 02-4467.

Respectfully submitted,

Dated: 4/7/06

By: Allan W. Watts

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this document (and any referred to as being attached or enclosed) is on **April 7, 2006** being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any trademark registration issued thereon.

Donna L. Miranda

Printed Name: Donna L. Miranda



Sheet 1 of 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO 0118297	SERIAL NO. 09/691,413
	APPLICANT Sang-Hee LEE, et al.	
	FILING DATE October 18, 2000	GROUP 2624

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
EP 0 831 660 A2	09/22/1997				YES	NO
EP 0 833 517 A2	09/15/1997					
EP 0 422 404 A2	09/13/1990					

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

		DCT/DPCM Processing of NTSC Composite Video Signal (<i>IEEE Transactions on Communications</i> , vol. Com-30, No. 3, pp. 541-549, March 1982).
		Advances in Picture Coding (<i>Proceedings of the IEEE</i> , vol. 73, No. 4, pp. 523-548, April 1985).
		Improvements in DCT Based Video Coding (<i>Proceedings of the SPIE</i> , vol. 3024, No. Part 1, pp. 676-688, February 1997).
		"MPEG-4 Video Verification Model Version 7.0 Chapter 3 : Encoder Definition" (<i>International Organization For Standardization – Organization Internationale De Normalization</i> , pp. 1, 17-122, April 1997).
		Predictive Quantizing of Television Signals (<i>IRE Wescon Convention Records</i> , vol. 2, No. 4, pp. 147-157, August, 1958).
		DCT Coding For Motion Video Storage Using Adaptive Arithmetic Coding (<i>Signal Processing: Image Communication</i> 2, vol. 2, No. 2, pp. 145-154 August 1990)

EXAMINER

DATE CONSIDERED

EXAMINER: Initial citation considered. Draw line through citation if not in the conformance and not considered. Include copy of this form with next communication to applicant.

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Sheet 2 of 2

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO 0118297	SERIAL NO. 09/691,413
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DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
WO97/46021					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date Pertinent Pages, Etc.)

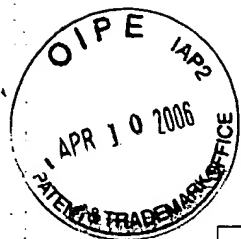
		Munich Meeting Of MPEG-4 Working Group. Report ISO/IEC JTC1/SC29/WG11 MPEG4/N1172 (<i>Ullmann's Encyclopedia of Industrial Chemistry, Abrasive to Aluminum Oxide, no. vol. A 1, pp. 3-49</i>).
		Transform Coding of Arbitrarily-Shaped Image Segments (<i>Proceedings Of First ACM International Conference On Multimedia, pp. 80-93, August 1993</i>).
		Lossless Image Compression Methods For PET Imaging (<i>Confectionery Production, vol. 8, no. 3, pp. 309-316</i>).
		Picture Coding: A Review (<i>Proceedings of the IEEE, vol. 68, No. 3, pp. 366-406, March 1980</i>).
		JP Laid-open No.: 10-224804.
		Digital Image Compression (<i>Nikkei BP Publisher, pp. 52-54, January 1996</i>).
		MPEG (<i>Ohmsha, pp. 171-172, April 1996</i>).

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DATE CONSIDERED

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Information Disclosure Statement

U.S. Patent Application Serial No. 09/691,413
Your Ref. No.: C34037/0118297
Our Ref. No.: P01Q5032-1/US/jy

1. Issued Date by the European Patent Office: June 13, 2005
Received Date from the European Patent Office: June 14, 2005

Reference No.:

- (1) European Patent Publication No.: EP 0 831 660 A2
 - (2) European Patent Publication No.: EP 0 833 517 A2
 - (3) DCT/DPCM Processing of NTSC Composite Video Signal
(*IEEE Transactions on Communications*, vol. Com-30, No. 3, pp. 541-549, March 1982)
 - (4) Advances in Picture Coding
(*Proceedings of the IEEE*, vol. 73, No. 4, pp. 523-548, April 1985)
2. Issued Date by the European Patent Office: August 02, 1999
Received Date from the European Patent Office: August 04, 1999
- (5) Improvements in DCT Based Video Coding
(*Proceedings of the SPIE*, vol. 3024, No. Part 1, pp. 676-688, February 1997)
 - (6) "MPEG-4 Video Verification Model Version 7.0
Chapter 3 : Encoder Definition"
(*International Organization For Standardization - Organization Internationale De Normalization*, pp. 1, 17-122, April 1997)
 - (7) DCT/DPCM Processing of NTSC Composite Video Signal
(*IEEE Transactions on Communications*, vol. Com-30, No. 3, pp. 541-549, March 1982, the same as the above No. 3)

(8) Predictive Quantizing of Television Signals

(*IRE Wescon Convention Record*, vol. 2, No. 4, pp. 147-157, August, 1958)

(9) DCT Coding For Motion Video Storage Using Adaptive Arithmetic Coding

(*Signal Processing: Image Communication* 2, vol. 2, No.2, pp. 145-154 August 1990)

(10) EP Patent Publication No. : 0 422 404 A

(11) Munich Meeting Of MPEG-4 Working Group.

Report ISO/IEC JTC1/SC29/WG11 MPEG4/N1172

(*Ullmann's Encyclopedia of Industrial Chemistry*, Abrasive to Aluminum Oxide, no. vol. A 1, pp. 3-49)

(12) Transform Coding of Arbitrarily-Shaped Image Segments

(*Proceedings Of First ACM International Conference On Multimedia*, pp. 80-93, August 1993)

(13) Lossless Image Compression Methods For PET Imaging

(*Confectionery Production*, vol. 8, no. 3, pp. 309-316)

3. Issued Date by the Japanese Patent Office: July 16, 2002

Received Date from the Japanese Patent Office: July 17, 2002

(14) DCT/DPCM Processing of NTSC Composite Video Signal

(*IEEE Transactions on Communications*, vol. Com-30, No.3, pp. 541-549, March 1982, the same as the above No.3)

(15) Picture Coding: A Review

(*Proceedings of the IEEE*, vol. 68, No. 3, pp. 366-406, March 1980)

(16) International Publication No.: WO97/46021

(17) JP Laid-open No.: 10-224804

4. Issued Date by the Japanese Patent Office: November 22, 2005

Received Date from the Japanese Patent Office: December 16, 2005

(18) Digital Image Compression

(*Nikkei BP Publisher*, pp. 52-54, January 1996)

(19) MPEG

(*Ohmsha*, pp.171-172, April 1996)